#``1 Print the number of integers in an array that are above the given input and the number that are below, e.g. for the array [1, 5, 2, 1, 10] with input 6, print “above: 1, below: 4”.

Response:

**package** Test;

**import** java.util.Scanner;

**public** **class** FirstQues {

**public** **static** **void** main(String[] args)

{

**int** below= 0;

**int** above = 0;

Scanner scan = **new** Scanner(System.***in***);

System.***out***.print("Enter number of elements: ");

**int** len = scan.nextInt();

**int** arr[] = **new** **int**[len];

System.***out***.println("Enter elements: ");

**for**(**int** i=0; i<len; i++){

arr[i]=scan.nextInt();

}

System.***out***.println("Enter number for comparison: ");

**int** num = scan.nextInt();

scan.close();

**for**(**int** i=0; i<arr.length; i++) {

**if**(arr[i] < num) {

++below;

} **else** **if**(arr[i] > num){

++above;

}

}

System.***out***.println("Above: "+above+ ", Below: "+ below);

}

}

#2 Rotate the characters in a string by a given input and have the overflow appear at the beginning, e.g. “MyString” rotated by 2 is “ngMyStri”.

Response:

**package** Test;

**import** java.util.Scanner;

**public** **class** SecondQues {

**public** **static** **void** main(String[] args)

{

Scanner scan = **new** Scanner(System.***in***);

System.***out***.print("Enter any string: ");

String str = scan.nextLine();

System.***out***.print("Enter any number: ");

**int** ctr = scan.nextInt();

scan.close();

**int** index = str.length() - ctr;

String subStart = str.substring(0, index);

String subLast = str.substring(index, str.length());

String rotatedStr = subLast+subStart;

System.***out***.println("Rotated string: "+rotatedStr);

}

}

#3 If you could change 1 thing about your favorite framework/language/platform (pick one), what would it be?

Response:

**Garbage collection**

There is no control over garbage collection in Java. The programmer does not have any right to control the garbage collection. Java does not provide functions like delete(), freeMemory().